

TITLE “ BEVERAGE BOTTLE AND CAN OPENER”

BACKGROUND OF THE INVENTION

1. Field of the invention.

The present invention relates to a beverage bottle and can opener, and more particularly to the type, that includes a variety of opening devices in one body.

2. Description of the Related Art.

Corkscrews, bottle and can openers of various types have been known for many years and long have been included in multipurpose tools. However, we believe that none of them includes the specific features of the present invention. We disclose a convenient and comfortable piece which includes three types of distinctly different openers and is magnetically held on a metallic surface, such as a refrigerator and the like, when not in use. A user has free access to this three-in-one opener, without the inconvenience of looking around for an opener for a specific type of bottle cap or can. Additionally, the present invention discloses a lever member that aids the user to effortlessly draw a cork from a bottle.

SUMMARY OF THE INVENTION

It is one of the main objects of the present invention to provide a beverage bottle and can opener that includes three distinctly different opening devices in one solid body.

It is another object of this invention to provide a beverage bottle and can opener that is easy to use and manipulate.

It is another object of this invention to provide a beverage bottle and can opener that includes a magnet permitting the opener device to be held to a metallic surface such as a refrigerator or the like.

It is another object of this invention to provide a beverage bottle and can opener that includes an auxiliary lever member that aids the user to effortlessly draw a cork from a bottle.

It is another object of this invention to provide a beverage bottle and can opener that has a raised bottle configuration attached to the front surface of the opener, which may be used for ornamental and/or advertising purposes.

It is still another object of this invention to provide a beverage bottle and can opener that has a spiral corkscrew member including a distal tipped end having a straight configuration to facilitate a user to position the spiral corkscrew member in the axial center of a cork.

It is yet another object of this invention to provide such a device that is inexpensive to manufacture and maintain while retaining its effectiveness.

Further objects of this invention will be brought out in the following part of the specifications, wherein detailed description is for the purpose of fully disclosing the invention without placing limitations thereon.

BRIEF DESCRIPTION OF THE DRAWINGS

With the above and other related objects in view, the invention consists in the details of construction and combination of parts as will be more fully understood from the following description, when read in conjunction with the accompanying drawings in which:

FIG. 1 is an isometric view of the present invention. Both the corkscrew device and the lever member are in fully extended position.

FIG. 2 is an elevational cross sectional view of this invention, taken along line 2-2, illustrating in phantom the corkscrew device and the lever member actuating bottle cork **K**.

FIG. 3 is a partial isometric view from the front of this invention, illustrating the can opener device engaging tap-top can tab **T** of can **C**.

FIG. 4 is a partial cross-sectional elevational view of the can opener device actuating tap-top tab **T** of can **C**, taken along line 4-4.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to the drawings in detail and initially to figure 1 thereof, it will be seen that beverage bottle and can opener **10** basically includes elongated body **11** having bottle opener device **20**, corkscrew device **30** and can opener device **40** therein.

Elongated body **11** includes front surface **12** and rear flat surface **13**. In the preferred embodiment, front surface **12** has a raised bottle shape and is intended for decorative and/or advertising purposes, when apparatus **10** is not in use and is held on a refrigerator. Opener **10** has four dot-shaped magnets **14** disposed on rear flat surface **13**, which permit the latter to be kept in fully parallel relationship with respect to a planar metallic surface. In the preferred embodiment, body **11** has hermetic chamber **15** peripherally defined by front surface **12** and inner wall **16**. Inner wall **16** is firmly mounted to rear flat surface **13** by screw members **18** and **18'**. Front surface **12** may be made out of a transparent plastic material so that decorative liquid **L** contained in hermetic chamber **15** is seen through, thereby imitating a real beverage bottle, as illustrated in figure 2.

Opener device **20** is located close to one end of body **11**, and more specifically in its bottom section. Opener device **20** includes cavity **21** disposed in flat surface **13** and defined by inner lateral walls **22**, bottom wall

23 and upper edge **24**, as best seen in figures 1 and 2. Upper edge **24** has arcuate shaped engagement portion **24'** inwardly protruding towards opposite curved engagement portion **24''**. Portion **24'** is configured to be placed under the crimped down edge of a bottle cap and levered off, using opposite curved portion **24''** as a fulcrum and body **11** as handle and thus as a lever.

Corkscrew device **30** is located at the center of flat surface **13** and inside longitudinal storage recess **17**. Corkscrew device **30** basically includes rotatable spiral corkscrew member **31** extending longitudinally and perpendicularly from shaft **32**, that in turn is firmly mounted transversally inside longitudinal storage recess **17**. Length of longitudinal storage recess **17** is slightly greater than spiral corkscrew member **31** so that a user's finger has free access to actuate distal tipped end **33** in order to pull spiral corkscrew member **31** out of recess **17**. Rotatable spiral corkscrew member **31** pivots about shaft **32** thereby axially moving through an angle from folded to extended position, as best seen in figures 1 and 2. In the preferred embodiment, tipped end **33** has a straight configuration to facilitate a user to position corkscrew member **31** in the axial center of cork **K**. In this manner, the rotation and thus the insertion of spiral corkscrew member **31** inside cork **K** is guaranteed in its same axial center. Corkscrew device **30** further includes lever member **34** that is disposed also inside longitudinal storage recess **17** extending longitudinally and perpendicularly from shaft **35**. Shaft **35** is firmly mounted transversally inside longitudinal storage recess **17**. In the preferred embodiment, shaft **35** is disposed is spaced apart and in parallel relationship with respect to shaft **32** of corkscrew member **31**.

Lever member **34** covers spiral corkscrew member **31** when both are in folded positions inside recess **17**. In order to reach and actuate corkscrew member **31**, lever member **34** has to be pulled out by supporting end **37** first. Lever member **34** has a longitudinal and semi-rectangular cross-sectional configuration, includes step **36** and elongated supporting end **37**. Supporting end **37**, in the preferred embodiment, has elongated configuration so that a user's fingers have fully access to hold lever member **34** while actuating and levering opener device **30** to withdraw cork **K**. Also, this elongated configuration of supporting end **37** and its skirt-like ending prevents lever member **34** from slipping away from bottle neck **N**. In operation, tipped end **33** of corkscrew member **31** engages cork **K** of bottle **B**, rotates as required and step **36** of lever member **34** is cooperatively positioned onto uppermost edge **E** of bottle **B**. Then, a user positions his/her fingers **F** simultaneously around both bottle neck **N** and lever member **34** to hold bottle **B**. Finally, a user with the other hand manipulates body **11** by lifting corkscrew member **31**, raises and draw cork **K** from bottle neck **N**.

Opener device **40** is located at one distal end of flat surface **13**, and opposite to opener device **20**. Opener device **40** has cavity **41** defined by bottom wall **42**, lateral walls **43**, rear wall **44** and upper rectangular notch **45**. Cavity **41** is sized to conveniently accommodate a protruding tap-top can tab **T**. Lateral walls **43** prevent can tab **T** from slipping laterally out from cavity **41** when a user manipulates apparatus **10** to open can **C**. In operation, user handles body **11** having rectangular notch **45** facing down, cavity **41** is slid over tap-top can tab **T** until outer edge **O** of tap-top

can tab **T** stops against rear wall **44**, as best seen in figure 4. Depth of bottom wall **42** is enough to cooperatively receive the whole can tab **T** therein, so that the opening operation is successfully completed without the risk of breaking or bending tab **T** before opening the can aperture for beverage flow. Generally, European can tabs are made out of a softer metallic material and they were tested, thereby tending to bend if tab **T** is not substantially housed inside cavity **41**. This is possible because notch **45** is configured in such manner that rivet member **R** of can tab **T** is not interfering with the displacement of cavity **41** over tab **T**. Finally, body **11** is used to lever tab **T** away from can **C**, thereby opening the can.

The foregoing description conveys the best understanding of the objectives and advantages of the present invention. Different embodiments may be made of the inventive concept of this invention. It is to be understood that all matter disclosed herein is to be interpreted merely as illustrative, and not in limiting sense.